

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| L22   | 147  | (differ\$2 or plural\$3) with (accumulat\$3) with time with sampl\$3 and @ad<="19981231" | USPAT  | OR               | ON      | 2007/11/12 17:40 |
| L23   | 177  | (differ\$2 or plural\$3) with (accumulat\$3) with time with sampl\$3 and @ad<="19981231" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/12 17:53 |
| L24   | 2    | "4621191".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/12 17:59 |
| L25   | 2051 | 348/296,297,302,308,309,310.CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/12 17:59 |
| L26   | 1    | 22 and 25  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/12 17:59 |
| L27   | 636  | 358/520.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/12 18:00 |
| L28   | 1    | 22 and 25  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/12 18:00 |

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|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L29 | 0    | 22 and 27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:00 |
| L30 | 0    | 27 and (different or plural\$3 or multiple) near4 accumulat\$3 with time | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:00 |
| L31 | 3838 | ((different or plural\$3 or multiple) near4 accumulat\$3 with time)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:01 |
| L32 | 0    | 27 and 31  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:01 |
| L33 | 591  | 600/160.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:01 |
| L34 | 1    | 31 and 33  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:01 |
| L35 | 0    | 356/376.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:03 |

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|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| L36 | 789 | 356/376,3.03,3.04,3.06,485,35,357.<br>ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:05 |
| L37 | 15  | 31 and 36                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:15 |
| L38 | 2   | "5589909".pn.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/12 18:15 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S24 5 | 255  | (scan\$4 with project\$3) with advantage and @ad<="19981231"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:12 |
| S24 6 | 5    | (scan\$4 with project\$3) with deflect\$3 with advantage and @ad<="19981231"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:13 |
| S24 7 | 0    | (scan\$4 with project\$3) with deflect\$3 and three-dimension and @ad<="19981231"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:14 |
| S24 8 | 0    | (scan\$4 with project\$3) with deflect\$3 and three\$2dimension and @ad<="19981231"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:14 |
| S24 9 | 1    | ((project\$3) with deflect\$3) and three\$2dimension and @ad<="19981231"                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:16 |
| S25 0 | 468  | ((project\$3) with deflect\$3) and three\$2dimension\$4 and @ad<="19981231"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:16 |
| S25 1 | 82   | ((project\$3) with scan\$4 with deflect\$3) and three\$2dimension\$4 and @ad<="19981231" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/08 21:16 |

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S19 1 | 214  | (project\$3 with scan\$4) and (saturat\$3 with pixel)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/06 15:00 |
| S19 2 | 71   | (project\$3 with scan\$4) and (saturat\$3 with pixel) and @ad<="19991231"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/06 15:04 |
| S19 3 | 1    | (project\$3 with scan\$4) and ((un\$2saturat\$3 or non-saturat\$3) with pixel) and @ad<="19991231" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/06 15:05 |
| S19 4 | 120  | (project\$3 with scan\$4) and ((un\$2saturat\$3 or non-saturat\$3)) and @ad<="19991231"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/06 15:11 |
| S19 5 | 55   | (project\$3 with slit\$4) and ((un\$2saturat\$3 or non-saturat\$3)) and @ad<="19991231"            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/06 15:14 |
| S19 6 | 16   | (project\$3) and ((un\$2saturat\$3 or non-saturat\$3) with pixels) and @ad<="19991231"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/11/06 15:32 |

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|          |      |  |  |    |    |                  |
|----------|------|--|--|----|----|------------------|
| S19<br>7 | 19   | ("5109276"   "5323002"   "5371543"<br>  "5446798"   "5452024"  <br>"5457493"   "5488431"   "5489952"<br>  "5491510"   "5526051"  <br>"5532997"   "5541723"   "5570135"<br>  "5608468"   "5612753"  <br>"5629794"   "5630027"   "5699444"<br>  "5870136").PN.   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/11/06 15:17 |
| S19<br>8 | 0    | ("5109276"   "5323002"   "5371543"<br>  "5446798"   "5452024"  <br>"5457493"   "5488431"   "5489952"<br>  "5491510"   "5526051"  <br>"5532997"   "5541723"   "5570135"<br>  "5608468"   "5612753"  <br>"5629794"   "5630027"   "5699444"<br>  "5870136").PN. and (unsaturat\$3<br>or non\$2saturat\$3) | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/11/06 15:17 |
| S19<br>9 | 15   | ("5109276"   "5323002"   "5371543"<br>  "5446798"   "5452024"  <br>"5457493"   "5488431"   "5489952"<br>  "5491510"   "5526051"  <br>"5532997"   "5541723"   "5570135"<br>  "5608468"   "5612753"  <br>"5629794"   "5630027"   "5699444"<br>  "5870136").PN. and (pixel or ccd)                        | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/11/06 15:17 |
| S20<br>0 | 6    | (project\$3) and ((un\$2saturat\$3 or<br>non-saturat\$3) with (photosensors<br>or (light near2 receiv\$3))) and<br>@ad<="19991231"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 15:35 |
| S20<br>1 | 2    | (project\$3) and ((un\$2saturat\$3 or<br>non-saturat\$3) with ccd) and<br>@ad<="19991231"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 15:35 |
| S20<br>2 | 1276 | (accumulat\$3 with second with<br>expos\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 16:16 |

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|          |         |   |  |    |    |                  |
|----------|---------|---|--|----|----|------------------|
| S20<br>3 | 829     | (accumulat\$3 with first with second<br>with expos\$3)                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 16:16 |
| S20<br>4 | 374     | (accumulat\$3 with first with second<br>with expos\$3) and<br>@ad<="19981231"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 16:27 |
| S20<br>5 | 5166472 | read\$3 first with second with<br>charges with simultaneously and<br>@ad<="19981231"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 16:28 |
| S20<br>6 | 94      | read\$3 with first with second with<br>charges with simultaneously and<br>@ad<="19981231" | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/11/06 16:32 |